

Applicants : Graham P. Allaway, et al.
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INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. §1.56, applicants direct the Examiner's attention to the following references which are listed on the PTO-1449 form attached hereto as **Exhibit A**.

1. Chams, et al., (1992) "Simple Assay To Screen for Inhibitors of Interaction between the Human Immunodeficiency Virus Envelope Glycoprotein and Its Cellular Receptor, CD4" Antimicrobial Agents and Chemotherapy 36(2):262-272
2. Dimitrov, D.S., et al., (1991) "Initial Stages of HIV-1 Envelope Glycoprotein-Mediated Cell Fusion Monitored by a New Assay Based on Redistribution of Fluorescent Dyes" AIDS Res. & Human Retroviruses 7(10):799-805
3. Dragic, et al., (1993) "Different Requirements for Membrane Fusion Mediated by the Envelopes of Human Immunodeficiency" Journal of Virology 67(2):2355-2359
4. Fouchier, et al., (1994) "HIV-1 Macrophage Tropism Is Determined at Multiple Levels of the Viral Replication Cycle" Journal of Clinical Investigation 94:1806-1814;
5. Keller, P.M., et al., (1977) "A Fluorescence Enhancement Assay of Cell Fusion" J. Cell Sci. 28:167-177 (**Exhibit 1**);
6. Mitsuya, H., et al., (1985) "Protection of T Cells Against Infectivity and Cytopathic Effect of HTLV-III In Vitro, in Miwa, et al. Eds., Retroviruses in Human Lymphoma Leukemia" Japan Sci, Soc. Press, Tokyo/VNU Science Press, Utrecht pp.277-288 (**Exhibit 2**);

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7. Sandstrom, E.G. and Kaplan, J.C., (1987) "Antiviral Therapy in AIDS: Clinical Pharmacological Properties and Therapeutic Experience to Date" Drugs 34:372-390 (**Exhibit 3**);
8. Wanda, P.E., and Smith, J.D., (1983) "A General Method for Heterokaryon Detection Using Resonance Energy Transfer and a Fluorescence-activated Cell Sorter" J. Histochem. & Cytochem. 30(12):1297-1300. (**Exhibit 4**);
9. Sinangil, F. et al, (1988) "Quantitative Measurement of Fusion Between Human Immunodeficiency Virus and Cultured Cells Using Membrane Fluorescence Dequenching" Feb Letters. 239:88-92 (**Exhibit 5**);
10. Szabo, G. et al, (1992) "CD4 Changes conformation Upon Ligand Binding" J. Immunol. 149:3596-3604 (**Exhibit 6**);
11. Peden, K. et al, (1991) "Changes in Growth Properties on Passage in Tissue Culture of Viruses Derived from Infectious Molecular Clones of HIV-1 LAI, HIV-1 MAL, and HIV-1 ELI" Virology. 185:661-672. (**Exhibit 7**);

The subject application is a continuation-in-part of U.S. Serial No. 08/973,601, filed March 16, 1998 which is a continuation of U.S. Serial No. 08/973,601, filed March 16, 1998, §371 national stage application of PCT International Application No. PCT/US96/09894, filed June 7, 1996, claiming priority of and a continuation-in-part of U.S. Serial No. 08/475,515, filed June 7, 1995.

Copies of the above listed references 5-11 are attached hereto at **Exhibits 1-7**.

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The above listed references 1-4 were cited in the International Search Report issued in connection with PCT International Application PCT/US96/09894. A copy of the search report is attached hereto as Exhibit B. Accordingly, under 37 C.F.R. 1.98 (d) a copy of these references are not required to be provided to the United States Patent and Trademark Office, since it was previously cited by or submitted to the United States Patent and Trademark Office in an application relied upon for an earlier filing date under 35 U.S.C. §120.

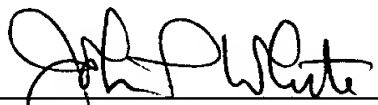
The above listed references 9-11 were cited in the International Preliminary Examination Report issued in connection with PCT/US96/09894, filed June 7, 1996. A copy of the International Preliminary Examination Report is attached hereto as Exhibit C.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone him at the number provided below.

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No fee is deemed necessary in connection with the filing of this Amendment. Pursuant to 37 C.F.R. §1.97 (b) (3), no fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any additional fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.



John P. White
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